

Title (en)  
CELLULOID-FREE TABLE-TENNIS BALL

Title (de)  
ZELLULOIDFREIER TISCHTENNISBALL

Title (fr)  
BALLE DE TENNIS DE TABLE SANS CELLULOID

Publication  
**EP 1924331 B1 20120425 (DE)**

Application  
**EP 06805719 A 20060914**

Priority  
• EP 2006008963 W 20060914  
• DE 102005044178 A 20050915

Abstract (en)  
[origin: US8105183B2] The invention relates on one hand to a celluloid-free table-tennis ball, preferably having a diameter of 38.5 to 48 mm, a weight between 2.0 and 4.5 grams, and a shell thickness (approximately) between 0.20 mm and 1.30 mm, where the shell is composed of plastic, whose principal component is an organic non-crosslinked polymer, which in its main chain has not only carbon atoms but also heteroatoms; and on the other hand also to a process of manufacturing a table-tennis ball of this kind, where mostly in a first step two or more shell parts are manufactured, these shell parts are joined in a subsequent step.

IPC 8 full level  
**A63B 39/00** (2006.01)

CPC (source: EP KR US)  
**A63B 39/00** (2013.01 - EP KR US); **Y10T 428/1352** (2015.01 - EP US)

Cited by  
US10478678B2; DE102015003699A1; WO2015139712A1; TWI642460B

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007031315 A1 20070322**; AT E554832 T1 20120515; CN 101272830 A 20080924; CN 101272830 B 20130327; DE 102005044178 A1 20070329; EP 1924331 A1 20080528; EP 1924331 B1 20120425; JP 2009507589 A 20090226; JP 5078894 B2 20121121; KR 101331035 B1 20131120; KR 20080044853 A 20080521; US 2010009791 A1 20100114; US 8105183 B2 20120131

DOCDB simple family (application)  
**EP 2006008963 W 20060914**; AT 06805719 T 20060914; CN 200680034220 A 20060914; DE 102005044178 A 20050915; EP 06805719 A 20060914; JP 2008530414 A 20060914; KR 20087005533 A 20060914; US 99158406 A 20060914